

POLSHKOVA, V.N.; SAKHAROV, P.P.

Transformation of micro-organisms under the effect of protein
fractions without the participation of deoxyribonucleic acid.
Agrobiologiya no.6:804-813 N-D '62. (MIRA 16:1)
(Variation (Biology)) (Micro-organisms)
(Proteins)

BOBROVSKIY, N.A., prof., red.; VOL'FKOVICH, M.I., prof., red.;
VOL'FSON, Z.I., prof., red.; LIKHACHEV, A.G., prof., red.;
NEVSKIY, B.N., red.; PREOBRAZHENSKIY, B.S., prof., red.;
SAGALOVICH, B.M., doktor med. nauk, red.; SAKHAROV, P.P.,
prof., red.; UNDRITS, V.F., prof., red. [deceased]

[Transactions of the First All-Russian Congress of
Otorhinolaryngologists] Trudy pervogo Vserossiiskogo s"ezda
otorinolaringologov. Moskva, Medgiz, 1963. 318 p.

(MIRA 17:7)

1. Vserossiyskiy s"yezd otorinolaringologov. 1st. Volgograd,
1962. 2. Deystvitel'nyy chlen AMN SSSR (for Preobrazhenskiy).
3. Chlen-korrespondent AMN SSSR (for Undr'ts). 4. Glavnyy
otorinolaringolog Ministerstva zdravookhraneniya RSFSR (for
Bobrovskiy).

BOBROVSKIY, N.A., prof., red.; VOL'FKOVICH, M.I., prof., red.
(Saratov); VOL'FSON, V.I., prof., red.; NEVSKIY, B.M.,
red.; PREOBRAZHENSKIY, B.S., prof., red.; SAGALOVICH,
B.M., doktor med. nauk, red.; SAKHAROV, P.P., prof.,
red.; UNDRITS, V.F., prof., red. [deceased]

[Transactions of the First All-Russian Congress of
Otorhinolaryngologists] Trudy Vserossiyskogo s"yezda
otorinolaringologov. Moskva, Medgiz, 1963. 518 p.

(MIRA 18:3)

1. Vserossiyskiy s"yezd otorinolaringologov. 1st,
Volgograd, 1962. 2. Deystvitel'nyy chlen AMN SSSR
(for Preobrazhenskiy). 3. Chlen-korrespondent
AMN SSSR (for Undrits).

POLIKOVA, V.N.; SAKHAROV, P.P.

Study of the converting properties of allergens. Biul. eksp. biol.
i med. 56 no.11:104-106 0 [i.e. N] '63. (MIRA 17:11)

1. Iz allergologicheskoy laboratorii Nauchno-issledovatel'skogo in-
stituta ukha, gorla i nosa Ministerstva zdravookhraneniya RSFSR.
Predstavlena deystvitel'nyy chlenom AMN SSSR N.N. Zhukovym-Verezhni-
kovym.

POLSKOVA, V.N. [Polshkova, V.N.]; SAHAROV, P.P. [Sakharov, P.P.]

Microorganism transformation under the action of protein fragments
without the participation of deoxyribonucleic acid. *Analele biol*
17 no.3:21-31 My-Je '63.

SAKHAROV, P.P., prof.; GUDKOVA, Ye.I., kand. biolog. nauk; POLSHKOVA, V.N.;
KUDRINA, G.A. (Moskva)

Current status of the theory of bacterial allergy. Arkh. pat. no.1:
3-12 '64. (MIRA 17:11)

1. Iz allergicheskoy laboratorii Nauchno-issledovatel'skogo insti-
tuta ukha, gorla i nosa Ministerstva zdravookhraneniya RSFSR.

KUDRINA, G.A.; SAKHAROV, P.P.

Transformation of micro-organisms by various fractions of
microbial allergens. Agrobiologiya no.1:54-64 '64
(MIRA 17:8)

1. Allergologicheskaya laboratoriya Gosudarstvennogo nauchno-
issledovatel'skogo instituta ukha, gorla i nosa Ministerstva
zdravookhraneniya RSFSR.

BAKHAROV, P.P.; KODRINA, G.A.

Importance of the "transfer factor" of the white blood cells in
the pathogenesis and diagnosis of bacterial allergy. Vest. AME
SSSR 19 no.10:43-48 '84. (MIRA 18:3)

1. Nauchno-issledovatel'skiy institut ukha, gorla i nosa Ministerstva
zdravookhraneniya RSFSR, Moskva.

SAKHAROV PS

15

18

Residual Tangential Stresses in Hollow Steel Cylinders after a Cold Mechanical Treatment from Inside. E. S. Tovpenez and P. S. Sacharov. (Metallurgist (Russia), 1936, No. 12, pp. 36-42). The authors have investigated the stresses remaining in steel tubes after drawing a steel sphere through the interior. These stresses can be removed by annealing at 400° C. or higher, combined with a removal of the surface layer, e.g., by a reduction of the external diameter from 22 to 16 mm. (In Russian).

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SAKHAROV, P. S.		BC		B-I-5	
Influence of a notch on the critical temperature of brittleness of cold-worked specimens (of low-carbon steel). P. SAKHAROV (Tech. Phys. U.S.S.R., 1955, 8, 758-760; cf. preceding abstract). —Notched specimens show an increase of brittleness with cold-working; due in part to a steeper slope in the yield point-extension curve, and varying with the shape of the notch. L. J. J.					
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION					
REGIONAL GROUPS					
REGIONAL GROUPS					

TEST AND JND ORDER		PROCESSES AND PROPERTIES INDEX	
<i>CR</i> Spark testing of steel. P. S. Sakharov. <i>Zavolzhskaya Lab. 12, 895-9(1946).</i>—Depending on the C content, the spark pattern (branching and starlets) obtained by friction against a 200 mm. emery disk revolved at approx. 1500 r.p.m. differs in appearance. The C steels can be sorted by this spark test method with an accuracy of up to 0.1% of C, preferably by comparison with standards of known C content. Alloy steels produce fewer starlets than C steels with the same C content. In low-Cr steels, Cr has but little effect on the spark pattern; a change is only noticeable at higher Cr contents. Si steels are easily distinguishable. Up to 1.5% of Mn and up to 3.5% of Ni have no appreciable effect. The same applies to V and Mo impurities in ams. normal in low-alloy steels. In W steels the sparks are cherry-red and the starlets finer. Highly alloyed steels produce dark-red sparks with few or no starlets. They are, therefore, difficult to distinguish from each other, but can be differentiated easily from the C- and the low-alloy steels. Tables describing the spark patterns produced by 50 various steels are given. W. R. Henn		<i>9</i>	
ASB. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION			
TEST AND JND ORDER		TEST AND JND ORDER	

Production of cold-rolled strip of iron-chromium-aluminum alloys. P. S. Sakharov, *Shtal* 7, 749-55 (1947). Expts. were carried out with alloys containing Mn-Si-Al-Ti up to 8.7%. When the sum of these components was low, the crit. point was below room temp. and the strip could be safely rolled cold without breaking. When the crit. point was at room temp. or above, heating the strip above this point banished the brittleness. The crit. point depended on the compn. but in the tested alloys did not exceed 260°. Heating before rolling to 700-50° followed by quenching in H₂O lowered the crit. point by 60-70°.

M. Hirsch

M. Hirsch

A18-114 RETAIL/WHOLESALE LITERATURE CLASSIFICATION

SAKHAROV, P. S.

Drilling and Boring Machinery

Twist drill made of SHkh 6 steel. Stan. 1 instr. 23 no. 3:35-36 Nr. '52.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

SAKHAROV, P.S.

Relative contraction in specimens made of thin sheet metal. Zav.
lab.21 no.8:981-982 '55 (MLRA 8:11)

1. Min'yarskiy metizno-metallurgicheskiy zavod
(Sheet metal--Testing)

Relative Reduction in Area of Thin Sheet Metal Test Pieces.
P. S. Bakharov. (Zavodskogo Laboratoriya, 1966, 21, (6),
981-983) (In Russian). From an analysis of testing methods
and results it is concluded that for sheet metal the relative
reduction in area should be calculated from the true cross-
sectional area at the fracture of the test piece - a. x.

SAKHAROV, P.S.

Relative transverse contraction of specimens of flattened wire.
Zav.lab. 22 no.1:89-91 '56. (MLRA 9:5)

1. Min'yarskiy metizno-metallurgicheskiy zavod.
(Steel--Testing)

SAKHAROV, P. S.

AUTHOR: Sakharov, P. S.

129 - 8 - 12/16

TITLE: Influence of the trimmed edges on the properties of cold rolled strip. (Vliyaniye obreznykh kromok na svoystva kholodnokatanoy lenty).

PERIODICAL: "Metallovedeniye i Obrabotka Metallov" (Metallurgy and Metal Treatment), 1957, No.8, pp.43-46 (U.S.S.R.)

ABSTRACT: In many cases cold rolled Cr-Al strip has satisfactory ductile properties for stretching and bending but the strip itself is brittle. Spontaneous cracking may occur of manufactured strip after cutting by disc shears almost immediately after completion of the manufacture. The assumption was expressed that this is due to the presence of burrs in the zone of which the metal is strongly work hardened during the cutting operation and tears in such burrs may become foci of disruption; it was, however, found that the brittleness was not removed by filing off these burrs. For this reason the author attempted to elucidate the causes of this phenomenon and investigated strip 3 x 10 mm made of the steel 1X25H05 containing 0.1% C, 25.1% Cr and 5.6% Al. Prior to cutting, the strip was heated to 750 C and quenched in water for the purpose of removing work hardening. Tensile tests were made at room temperature on non-machined specimens with burrs of a height of about

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Influence of the trimmed edges on the properties of cold rolled strip. (Cont.) 129 - 8 - 12/16

0.1 mm and also with specimens after filing off the burrs, filing off the burrs and subsequent rounding off the edges to a radius of 0.5 mm, filing of both edges to a depth of 0.05-0.10 mm, milling off both edges with the removal of 1 mm from both sides. In addition, impact bending was effected on specimens of the strip at various temperatures for the purpose of determining the threshold of cold brittleness for specimens with all the enumerated types of preparation, using a pendulum of 5 kgm energy. The obtained results are summarised in Table 1 and plotted in three graphs, Fig.1. It was found that removal of the burrs only is insufficient for changing the brittle state of the strip. Additional rounding off increases somewhat the ductility. However, the ductile state is completely re-established only after removal from the sides of a metal layer about 0.1 mm thick. The assumption that recrystallisation should remove the increased brittleness of the trimmed strip was verified by heating the strip to 500, 550 and 650 C for 30 mins and quenching in water; after heating at 650 C the cold brittleness threshold decreases by 140 C relative to its original value, i.e. it increases more than in the case

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Influence of the trimmed edges on the properties of cold rolled strip. (Cont.) 129 - 8 - 12/16

of mechanical removal of the work hardened layer. The conditions were investigated also for other grades of steel strip which are particularly sensitive to cold fractures. There are 2 figures, 2 tables and 2 references, both of which are Slavic.

ASSOCIATION: Kuybyshev Industrial Institute.
(Kuybyshevskiy Industrial'nyy Institut)

AVAILABLE:

Card 3/3

S/124/60/000/010/003/004
ACC5/AOC1

Translation from: Referativnyy zhurnal, Mekhanika, 1960, No. 10, p. 171, # 13900

AUTHOR: Sakharov, F.S.

TITLE: The Ultimate Strength of Chrome-Aluminum-Steel Depending on the Cooling Rate and Some Other Conditions

PERIODICAL: V sb.: Nekotoryye probl. prochnosti tverdogo tela, Moscow-Leningrad, AN SSSR, 1959, pp. 187-193

TEXT: The cold rolling of chrome-aluminum-steels of the brands 1X17H05 (1Kh17Yu5), 1X25H05 (1Kh25Yu5), 6X25H05 (6Kh25Yu5) is difficult because of their high friability. The temperature T_* of transition from the malleable into the friable state of these steels is higher than the room temperature (up to 200°C). Quenching from 700-800°C considerably decreases T_* . Repeated heating and slow cooling increases T_* up to the same value which was prior the quenching. This phenomenon is connected with the existence of the friable δ -phase. Rapid cooling does not allow this phase to separate out, but slow cooling makes this possible. It is possible that not only the δ -phase separates out hereat, but also carbides.

Card 1/2

S/124/60/000/010/003/004
A005/A001

The Ultimate Strength of Chrome-Aluminum-Steel Depending on the Cooling Rate and Some Other Conditions

nitrides, and others. Tests were carried out for checking the assumption that the friability is caused in this case by the decrease in the ultimate strength S . Specimens of the 1Kh25Yu5 steel were tested for stretching and bending after various thermal treatment ways. The tests corroborated the assumption: S is by 15-20% lower after slow cooling than S of the quenched specimens. An empirical correlation between S_1 at bending and S_2 at stretching is derived: $S_1 = 10 + 1.25 S_2$ (in kg/mm^2). Exactly the same correlation was found for gray cast iron and phosphorus iron.

I.M. Gryaznov

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

SAKHAROV, P. S.

Cand Tech Sci - (diss) "Effect of cold hardening on the cold brittleness of steel." Leningrad, 1961. 20 pp with diagrams; (Ministry of Higher and Secondary Specialist Education RSFSR, Leningrad Polytechnic Inst imeni M. I. Kalinin); 150 copies; price not given; (KL, 6-61 sup, 225)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
SAKHAROV, P. V.																			
PROCESSES AND PROPERTIES INDEX																			
1879. Comparison of the electromagnetic systems of a.c. contactors with those movement. SAKHAROV, P. V. AND PERKIN, I. I. <i>Vestn. Elektrom.</i> 20 (No. 4) 18-24 (April, 1949) In Russian.—Linear contactors are being increasingly used in starters of motors of up to 4 kW and 380 V, in switchboards and cubicles of substations, etc. Ten different designs are compared, considering traction characteristics, energy consumption, weight and clearances, effect of voltage on traction characteristic, and price. B. F. K.																			
Technical Directorate, Min. Electric Industry																			
AS 3.1.4 METALLURGICAL LITERATURE CLASSIFICATION																			
1879. Comparison of the electromagnetic systems of a.c. contactors with those movement. SAKHAROV, P. V. AND PERKIN, I. I. <i>Vestn. Elektrom.</i> 20 (No. 4) 18-24 (April, 1949) In Russian.—Linear contactors are being increasingly used in starters of motors of up to 4 kW and 380 V, in switchboards and cubicles of substations, etc. Ten different designs are compared, considering traction characteristics, energy consumption, weight and clearances, effect of voltage on traction characteristic, and price. B. F. K.										1879. Comparison of the electromagnetic systems of a.c. contactors with those movement. SAKHAROV, P. V. AND PERKIN, I. I. <i>Vestn. Elektrom.</i> 20 (No. 4) 18-24 (April, 1949) In Russian.—Linear contactors are being increasingly used in starters of motors of up to 4 kW and 380 V, in switchboards and cubicles of substations, etc. Ten different designs are compared, considering traction characteristics, energy consumption, weight and clearances, effect of voltage on traction characteristic, and price. B. F. K.									

SAKHAROV, Petr Vasil'yevich; YEKHKOV, V.V., redaktor; FRIDKIN, A.M.,
tekhnicheskiy redaktor.

[Technology of electric apparatus building] Tekhnologiya elektro-
apparatostroeniya Izd.2-oe, perer. Moskva, Gos.energ.izd-vo. Part.1.
[Characteristics of electric apparatus building. Technology of
turning parts and magnetic circuits] Osobennosti elektroapparat-
ostroeniya. Tekhnologiya tokovedushchikh detalei i magnitoprovodov.
1956. 320 p. (MLRA 9:5)
(Electric apparatus and appliances) (Electric engineering)

25(2); 8(2)

PHASE I BOOK EXPLOITATION

SOV/1667

Sakharov, Petr Vasil'yevich

Tekhnologiya ~~elektro~~-apparatostroyeniya, ch. 2: Tekhnologiya elektroizolyatsionnykh i korpusnykh detaley, obolochek, rezervuarov i detaley mekhanizmov, pokrytiya, sborka (Methods of Electric Apparatus Manufacture, pt. 2: Technology of Electric Insulating, Base Parts, Covers, Containers, Machine Parts, Coating, and Assembling) 2nd ed., rev. Moscow, Gosenergoizdat, 1957. 408 p. 10,000 copies printed.

Ed.: V.I. Timokhina; Tech. Ed.: K.P. Voronin.

PURPOSE: This is a textbook for students of vuzes and tekhnikums specializing in the construction of electrical instruments and apparatus. It is also useful to engineers and engineering personnel working in the design, manufacture, and repair of electrical equipment.

COVERAGE: The book describes the fundamentals of electrical apparatus construction and the processes of parts manufacture and assembly.

Card ~~1~~/11

Methods of Electric Apparatus Manufacture (Cont.) SOV/1667

This book reflects the parallel problems of design and production technique involved in making design conform to manufacture. Specific features of the production processes are compared with those used in machine engineering. The author thanks the Vsesoyuznyy zaochnyy institut (All-Union Correspondence Institute) and the Moskovskiy energeticheskiy institut (Moscow Institute of Energetics), as well as Ye.P. Sakharova. There are 143 Soviet references.

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PART ONE. PRODUCTION METHODS OF ELECTRIC INSULATING PARTS	
Ch. I. Parts Made of Plastics	5
1-1. Plastic parts in electric apparatus, Types of parts and materials used	5
1-2. Methods of producing plastic parts	18
1-3. Basic conditions for and types of compression and injection molding for plastics	19
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Card 2/11	

SAKHAROV P V

AUTHOR: Sakharov, P. V., Docent 105-58-4-2/37

TITLE: Low-Voltage Switchgear Apparatus (Apparaty raspredelitel'nykh ustroystv niskogo napryazheniya)

PERIODICAL: Elektrichestvo, 1958, Nr 4, pp. 10 - 15 (USSR)

ABSTRACT: In this paper a survey is given of the present stage and the technical level of the constructions of fundamental series of low-voltage switchgear apparatuses in the USSR and abroad. The problems and rules for the further development of these apparatuses are demonstrated. 1)Adjustable automats: in the USSR 2 series are produced for the general application in industry: a)Series A3100 for 15 -600 A and up to 500 V alternating current and up to 220 V direct current with the trip up limit up to 50 kA at alternating and up to 25 kA at direct current. b)Automats AN 25 for 1-25 A and 380 V alternating and 220 V direct current with trip up limit at 3 kA and 2 kA, respectively. As to their technical data and the trip up they are not backward compared to foreign productions. Some foreign firms only have a greater number of designs. The electromechanical works Khar'kov

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105-58-4-2/37

Low-Voltage Switchgear Apparatus

(KhEEM) have developed new designs of the A3100 series. The works for electric apparatuses Kursk (KEAZ) starts the production of the small unipolar automats of the A015 type for 15 A, developed by the Scientific Research Institute for the Electric Industry. 2) Universal automats. Those of the series A-2000 for 200 -1500 A which have been produced up to now are backward compered to foreign productions. The works for the production of apparatuses have worked over this construction and started with the production of the series of the universal selective automats A 15, A 2p and A 25 for 100-1800 A and 380 V alternating current at 50 cycles with trip up limit up to 50 kA and for 440 V direct current up to 30 kA. However, also this series does not meet today's requirements. At any case it is necessary to develop such automats for amperages up to 4000 A. 3) Safety fuses. a) Valve cutouts without filling of the series П P-1 produced by the works for electric apparatuses Ufa were modernized and are now called П P-2. They are not backward compared to foreign productions. Important

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195-50-4-2/37

Low-Voltage Switchgear Apparatus

disadvantages: great dimensions and heavy. b) Valve cutouts with filling. With quartz filling material of the type ПНН, ПНП, ПНБ, ПНВ, А and КН with a copper fuse. The works for electric apparatuses Kursk have developed a new series with quartz filling material of the type ПН-2 for 100, 250, 400 and 600 A at 300 V. Fuses of this type produced by Siemens and AEG in Western Germany deserve the greatest interest. c) Filled bolts for 6-20 A at 250 V with trip up limit at 600 A were improved in the course of the last years. It is necessary to produce them for 6, 10, 15, 25, 40 and 60 A in series. 4) Non-automatic pilots and switchboards. a) Yarkley type switches and switchboards were modernized by the works for electrical engineering Tashkent. The new series is called ПБ and is calculated for 10/6, 15/10, 25/15, 40/25, 60/40, 100/60, 150/100, 250/150, 400/250 A, 220 V direct current and 380 V alternating current. b) Knife switches and switchboards. Recently the works for electric apparatuses Ufa finished the development and started the production of the series for

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105-50-4-2/37

Low-Voltage Switchgear Apparatus

100, 250, 400 and 600 A at 500 V, c) Such fuses are apparatuses in which the function of the switching off and that of the fuses is combined. In the USSR only the Saratov works produce them. 5) Complete distributing devices. a) Such with universal selective automats are supplied by the Moscow Transformer Works on single demands, and as parts of complete transformer substations. b) Such with adjustable automats of the series A5100 are supplied by the electromechanical works Khar'kov as switchboards of the type CY. c) Distributor plates for small power stations of the III type for the control of synchronous alternators up to 150 kVA, 400/230 V with a distribution of the energy on several feeding lines. d) The Distributor plates for the control of power plants and substations are supplied in two designs: the "Elektropul't" works Leningrad produced them already since years. The same are also produced by the electromechanical works Khar'kov. A new construction was elaborated in the TsKB of "Elektroprivod". These plates are produced in the turbo

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Low-Voltage Switchgear Apparatus

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alternator works Novosibirsk and in the electrotechnical works Minsk. There are 4 figures.

ASSOCIATION: Vsesoyuznyy zaochnyy energeticheskiy institut (All-Union Correspondence Institute for Power Engineering)

AVAILABLE: Library of Congress

1. Switching circuits-Design 2. Switching circuits-Application

Card 5/5

BABAKOV, N.A.; BRON, O.B.; KORITSKIY, A.V.; SAKHAROV, P.V.; SOTSKOV, B.S.;
STUFEL', F.A.; TSYPKIN, Ya.Z.

Seventieth anniversary of the birth of professor B.F.Vashura.
Elektrichestvo no.9:96 S '60. (MIRA 13:10)
(Vashura, Boris Fedorovich, 1890-)

RUL', B.K.; SAKHAROV, I.V., dots., red.

[Calculation of magnetic permeance of the air gaps of round and rectangular poles; manual on the design of electrical apparatus] Raschet magnitnykh provodimostei vozdukhnykh zazorov dlia kruglykh i priamougol'nykh poliusov; posobie po proektirovaniu elektricheskikh apparatov. Moskva, Vses. zaochnyi energeticheskii in-t, 1961. 49 p. (LIRA 17:10)

SAKHAROV, P.V., inzh.

Dependence of the principal dimensions of electrical apparatus
on nominal current and voltage magnitudes. Elektrotehnika 3/4
no.9:52-56 S '63. (MIRA 16:11)

SAKHAROV, P.V., inzh.

Dependence of contact parameters on the nominal current.
Elektrotehnika 36 no. 11:17-21 N '65.

(MIRA 18:11)

SAKHAROV, P. Ye.

SAKHAROV, P. Ye., kand. fiz.-mat. nauk; TER-MIKAYELIAN, T.M., kand. fiz.-mat. nauk.

Calculating the critical speeds of a turbogenerator rotor on elastic-massive bearings with an electronic calculating machine. Vest. elektroprom, 28 no.10:9-17 0 '57. (MIRA 10:12)

1. Nauchno-issledovatel'skiy institut elektrotekhnicheskoy promyshlennosti (for Sakharov). 2. Institut matematiki i mekhaniki AN ArmSSR. (Turbogenerators) (Electronic calculating machines)

DEKHANOV, N.M., inzh., otv. red.; KRAVCHENKO, V.A., inzh., zames. otv. red.; RAGULINA, R.I., inzh., red.; YEM, A.P., kand. tekhn. nauk, red.; GASIK, M.I., assisten, red.; ZEL'DIN, V.S., inzh., red.; SAKHAROV, R.S., red.; BELIKOV, Yu.V., inzh., red.; KOCHERGA, N.T., ved. red.; SYCHUGOV, V.G., tekhn. red.

[Development of the iron alloy industry in the U.S.S.R.] Razvitie ferrosplavnoi promyshlennosti SSSR. Kiev, Gos. izd-vo tekhn. lit-ry, USSR, 1961. 243 p. (MIRA 15:4)

1. Ukraine. Gosudarstvennyy nauchno-tekhnicheskii komitet. Institut tekhnicheskoy informatsii. 2. Zaporozhskiy zavod ferrosplavov (for Dekhanov, Kravchenko, Ragulina). 3. Dnepropetrovskiy metallurgicheskii institut (for Gasik, Belikov).
(Iron industry)

SAKHAROV, S.; SMIRNOV, A.

What we learned from Czechoslovak friends. Sov.profsoiuzy 5 no.1:
32-34 Ja '57. (MLBA 70:2)

1. Direktor fabriki "Skorokhod" (for Sakharov). 2. Predsedatel'
fabrichnogo komiteta profsoyuza (for Smirnov).
(Shoe industry)

KONOV, V., inzh.; SAKHAROV, S., inzh.; SUBBOTIN, I., inzh.; CHEREMNYKH, Y., inzh.;
KARYAKO, B., inzh.; RASSHCHEPKIN, V., inzh.; BORISOVA, T., inzh.;
PEREPELTSYN, M., inzh.; GARMASH, V., inzh.; GOLOVINA, V., inzh.

New developments in building practice. Na stroi. Ros. 4 no.1:7,11,14,18,
26,30 Ja '63. (MIRA 16:3)

(Building—Technological innovations)

SAKHAROV, S. A.
BESSONOV, I., SAKHAROV, S. A., KURSHINSKIY, E. V., and LEBEDEV, G. A.
Institute of High Molecular Compounds of the Acad. Sci. USSR, Leningrad

"Mechanical Rupture of Hard Polymer Materials"
Paper submitted at
Program of the Conference on the Non-Metallic Solids of Mechanical Properties. Leningrad
May 19 - 26, 1958.

SAKHAROV, S.A.; REYMAN, V.M., otv. red.; VINOGRADSKAYA, S.N., red.izd-va;
PROLOV, P.M., tekhn. red.

[Mesozoic and Cenozoic structural elements in the Tajik Depression]
Stratostруктуры mezo-kainzoia Tadjhikskoi depressii. Stalinabad,
Izd-vo Akad. nauk Tadjh. SSR, 1958. 226 p. (Akademiia nauk Tadjhikskoi
SSR, Stalinabad. Trudy, vol.95). (MIRA 12:12)
(Tajik Depression--Geology, Structural)

SAKHAROV, S.D.

Basic factors in the growth of labor productivity in the merchant
marine. Trudy TSNIIMF no.29:24-32 '60. (MIRA 15:11)
(Merchant marine--Labor productivity)

REZ, R.S., kand. yurid. nauk; SAKHAROV, S.D., inzh.

One method of computing the normal accumulated debt to the
crew on leave days. Trudy TSHIM no.61:80-87 '64.

(MIRA 19:1)

~~SAKHAROV~~ SAKHAROV, S. P. Cand Vet Sci -- (diss) "Morphological changes in turkeys during tuberculosis." Len, 1957. 15 pp (Len Vet Inst of the Min of Agriculture USSR), 100 copies (KL, 4-58, 85)

Country : USSR
 Category : Diseases of Farm Animals. R
 Diseases Caused by Bacteria and Fungi.
 Abs. Jour. : Ref Zhur-Biol., No 21, 1956, 56998
 Author : Sakharov, S. F.
 Institut. : Leningrad Institute for the Advanced Training*
 Title : Morphological Changes in the Tuberculosis of
 Turkey Hens.
 Orig Pub. : Sb. nauchn. tr. Leningr. in-t usoversh. vet.
 vrachey, 1957, vyp. 11, 108-115
 Abstract : Macroscopic examinations of inner organs revealed
 tubercles and nodules. Nodular lesions were
 mostly localized in the liver (100 percent of
 the cases), spleen (47.5 percent), intestines
 (20.83 percent) and lungs (14.6 percent). The
 nodules were divided into 3 types according to
 their histological structure: lymphoid-epithe-
 lial, epithelial, and nodules with a necrotic
 center. The formed nodules consisted of a necro-
 tic color zone, of zones comprising giant cells
 Card: 1/2

*or Veterinariya

SAKHAROV, S. I.

Sakharov, S. I. "Pneumonia in newborn children," Zdravotstvennoye Kazakhstana, 1949, No. 1, p. 33-38.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

SAKHAROV, S. I.

25993. Sakharov, S. I. Toksicheskiye i infektsionnyye zabolevaniya novorozhdennykh.
Zdravookhraneniye Kazakhstana, 1949, No 4, s. 37-41

SO: Knizhnaya letopis', Vol. 1, 1955

Sakharov, S.I.

26005 Sakharov, S.I. Por'ba S Zheludochno-Kishchnymi Zabolovaniyami U Detey
Na Sel'okom Uchastke. Zdravookaraneniye Kazakhstana, 1948, No.4, S. 38-40.

SO: Letoris' Zhurnal Statey, No. 30, Moscow 1948

SAKHAROV, S. I.

SAKHAROV, S. I.,

6342 BORODAVCHENKO. G. V. I SAKHAROV. S. I., SKOROSTNOYE
NAREZANIYE KRYATNOY MODUL'NOY REZ'BY VRASHCHAYUSHCHEMUSYA
REZTSALI. IS OPYTA RABOTY NAVODOROD LAVODA " SHAPKA TRUDA". L.,
1954: obl., 4 s s chert 1, iL. chert 21 SM. 9VSESOUZ. O-VO po
rasprostraneniyu polit. i nauch. znaniy. Leningr. DOM NAUCH-TEKHNI.
PROPAGANDY LISTOK NAVODORA NO. 34 (273) 3,800EKZ 20 K avt.
ykazany v kontse teksta (54-15363zh) 62.99 01 st.

SC: KNIZHNYA LETOPIS' NO. 6, 1955

SAKHAROV, S.I.; KHAMZIN, M.

Use of computers in the qualitative valuation of land. Izv. AN
SSSR. Ser. geog. no.5:105-108 S-0 '65.

(MIRA 18:10)

SARHANOV, S. K., and KUVSHINSKIY, E. V.

"Surface changes during degradation of amorphous polymers," a paper presented at the 9th Congress on the Chemistry and Physics of High Polymers, 20 Jan-2 Feb 57, Moscow, Polymer Research Inst.

B-3,004,395

85584

S/048/60/024/007/017/032/XX
B019/B056

24,6720

AUTHORS: Grigor'yev, Ye. P., Sakharov, S. L., and Sergeyev, V. O.

TITLE: The γ -Spectra of the Isotopes of the Lanthanum Fraction

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960,
Vol. 24, No. 7, pp. 839-840

TEXT: This paper was read at the 10th All-Union Conference on Nuclear Spectroscopy, which took place from January 19 to January 27, 1960 at Moscow. The measurements were carried out by means of a scintillation γ -spectrometer. The lanthanum fraction of rare earths obtained by irradiation of tantalum with protons was investigated. The authors were able to find a very intensive 470-kev γ -line with a halflife of 18 hours. This line may be ascribed to the La^{135} . By using the decay scheme set up by Mitchell et al. (Ref. 2), it was possible to determine the relative yield of La^{135} in the nuclear reaction. From the discussion of their own results and those obtained by other authors, the authors draw the conclusion that, if La^{133} (halflife 4 hours) exists at all, it does not exceed 10% of La^{132} . This

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The γ -Spectra of the Isotopes of the
Lanthanum Fraction

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B019/B056

opinion is confirmed by results obtained by Riddel (Ref. 6) and Cameron (Ref. 7), which are given in Table 1. Therefore, the largest fraction of γ -emission is ascribed to La^{132} . The yield ratio of La^{132} to La^{135} is given as 100 : 80. There are 1 figure, 1 table, and 8 references; 1 Soviet, 6 US.

ASSOCIATION: Nauchno-issledovatel'skiy fizicheskiy institut Leningradskogo
gos. universiteta im. A. A. Zhdanova (Scientific Research
Institute of Physics of Leningrad State University imeni
A. A. Zhdanov)

Card 2/2

85585

S/048/60/024/007/018/032/XX
B019/B056

24.6720

AUTHORS:

Grigor'yev, Ye. P., Larionov, O. V., Nikitin, M. K.,
Sakharov, S. L., and Sergeev, V. O.

TITLE:

The Determination of the Halflife of Dy^{159} , Ho^{160} , Tu^{166}
and Lu^{173} 19 19 19 ✓

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960,
Vol. 24, No. 7, pp. 841-844

TEXT: This paper was read at the 10th All-Union Conference on Nuclear Spectroscopy, which took place from January 19 to January 27, 1960 at Moscow. The isotopes investigated were obtained by the irradiation of Ta-targets with 660-Mev protons in the synchrocyclotron of the Ob'yedinenny institut yadernykh issledovaniy (Joint Institute of Nuclear Research) and a subsequent chemical and chromatographical separation. For determining the halflife an end-window counter was used, which was protected by a Pb-shield.

As a control isotope, Dy^{159} was selected. The authors determined a half-life $T = 139 \pm 10$ days, which agrees with the data obtained by other

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The Determination of the Halflife of
 Dy^{159} , Ho^{160} , Tu^{166} , and Lu^{173}

S/048/60/024/007/018/032/XX
 B019/B056

authors. For Ho^{160} a $T = 4.76 \pm 0.10$ hours was determined. B. S. Dzhelepov et al. obtained $T = 5.3 \pm 0.2$ hours, and G. M. Gorodinskiy et al. obtained 5 hours (Table 1), whereas Wilkins and Hiks obtained 4.6 ± 0.1 hours. In Table 2 the value of $T = 7.74 \pm 0.08$ hours determined is given for Tu^{166} . Gorodinskiy obtained $T = 8$, and Wilkins et al. $T = 7.7 \pm 0.1$ hours. The halflife of Lu^{173} was determined by measurements, which extended over 9 months after separation of the lutetium fraction. The authors obtained $T = 480 \pm 30$ days. The values obtained by other authors: Mihelich: 510 days; Wilkinson: 500 days; Bichard: 480 days; Gorodinskiy: 200 days; B. K. Preobrazhenskiy et al.: 150-200 days; V. Romanov et al.: 160 days. The three values showing considerable deviations were obtained at the Radiyevyy institut (Radium Institute), and at the Fiziko-tekhnicheskii institut (Institute of Physics and Technology) at Leningrad. There are 5 figures, 3 tables, and 18 references: 6 Soviet and 12 US.

ASSOCIATION: Nauchno-issledovatel'skiy fizicheskiy institut Leningradskogo gos. universiteta im. A. A. Zhdanova (Scientific Research Institute of Physics of Leningrad State University imeni A. A. Zhdanov)

Card 2/2

85486

S/048/60/024/007/019/032/XX
B019/B056

24.672.0

AUTHORS:

Grigor'yev, Ye. P., Larionov, O. V., Nikitin, M. K.,
Sakharov, S. L., and Sergeyev, V. O.

TITLE:

The γ -Spectra of the Isotopes of the Tantalum Fraction

PERIODICAL:

Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1960,
Vol. 24, No. 7, pp. 845-846

TEXT: This paper was read at the 10th All-Union Conference on Nuclear Spectroscopy, which took place from January 19 to January 27, 1960 at Moscow. In the synchrocyclotron of the OIYaI, a Ta-target was irradiated with 660-Mev protons, following which, tantalum was separated and the radioactive Ta-isotopes⁹ were investigated by means of an automatic scintillation- γ -spectrometer. According to the halflife of the γ -lines, the Ta-isotopes may be subdivided into two groups. There are some isotopes with a halflife T of roughly 8 hours, and others with T = 53 hours. The energy and the relative intensities of the γ -lines of those Ta-isotopes whose T is about 8 - 11 hours, are given in Table 1;

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The γ -Spectra of the Isotopes of the Tantalum Fraction S/048/60/024/007/019/032/XX
BG19/B056

E [kev]	55	115+5	210+10	270	350	500	1150	1700
I _r	100	10	7	2	2	0.3	0.7	0.3

By comparison with data obtained by other authors, the authors draw the conclusion that in their Ta-fraction the isotopes Ta¹⁷⁶ (8 hours) and Ta¹⁷⁵ (11 hours) are present. In Table 2, the energies and the relative intensities of the hard γ -lines of the Ta-isotope of a halflife of 8 hours are given:

E _{γ} [Mev]	1.7	2.2 - 2.3	2.7	2.8
I _{γ}	3	1	0.3	1

These hard lines may possibly belong to a Ta¹⁷⁶-decay. From the data obtained here, the authors conclude that the mass difference between Ta¹⁷⁶ and Hf¹⁷⁶ is more than 3 Mev. There are 2 figures, 2 tables, and 7 references: 1 Soviet and 6 US.

ASSOCIATION: Nauchno-issledovatel'skiy fizicheskiy institut Leningradskogo gos. universiteta im. A. A. Zhdanova (Scientific Research Institute of Physics of Leningrad State University imeni A. A. Zhdanov)

Card 2/2

2
S/056/60/039/006/008/063
0006/0056

AUTHORS: Businov, L. I. (deceased), Borovikov, A. V.,
Groshev, V. S., Porev, G. D., Zakharov, S. L.,
Khasov, Yu. L.

TITLE: Investigation of the Decay Scheme of ^{166}Dy

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960,
Vol. 39, No. 6(12), pp. 1529-1533

TEXT: Contradictions between theory and experiments on the subject of ^{166}Ho gave rise to investigations of the spectrum of internal conversion electrons and of the spectrum of gamma rays arising with the β -decay of ^{166}Dy (going over into ^{166}Ho). A report is given here on these investigations, which have led to a determination of the spin characteristics of the ^{166}Ho -nucleus level. ^{166}Dy ($T_{1/2} \sim 80.2$ hours) was obtained from ^{164}Dy by double neutron capture. The target enriched with ^{164}Dy to 86.5% was exposed to a neutron irradiation for 6-7 days, and 36 hours after the end of this

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irradiation, the spectrum of the internal conversion electrons was recorded. Then, the Dy^{165} -content ($T_{1/2} \sim 2.4$ hours) is negligible. The conversion electron spectrum of the ^{166}Ho -nucleus, formed in the β -decay of the ^{166}Dy is shown in Fig. 5. Besides the transitions with 28, 54.2, and 82.5 keV of the ^{166}Ho -nucleus, this spectrum also shows the 81-keV transition of the ^{166}Er -nucleus, which is produced in the β -decay of ^{166}Ho . Conversion electrons, which correspond to transitions with energies of more than 82.5 keV in the ^{166}Ho -nucleus, were not discovered. Their intensity would have to be less than 0.5% of the intensity of the K-line of the transition with 82.5 keV. The relative conversion coefficients determined from this spectrum are given in Table 1. For a comparison, also the conversion coefficients given by L. A. Gliv and I. W. Rand are mentioned. Also the spectra of the γ -radiation and the $\gamma\gamma$ -coincidences were investigated. It was found that between the gamma quanta with 28 and 54.2 keV coincidence exists, but not between the latter and the 82.5-keV quanta. From the conversion coefficient ratios the types of the transitions were determined:

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the gamma transitions with 28 and 82.5 keV were found to be pure M1 transitions, the 54.2-keV transition a pure E2 transition. The intensities shown in Fig. 1 have an accuracy of up to 2-3%. It was further found that (55.2)% of all ^{166}Dy decays lead to the formation of ^{166}Ho in the excited state with 82.5 keV, $\sim 43\%$ to ^{166}Ho in the ground state. Fig. 6 makes a suggestion for schemes of the lower levels of the ^{166}Ho -nucleus; the first variant is the most probable. The authors thank D. A. Varshelevich for discussions. There are 6 figures, 2 tables, and 6 references: 2 Soviet, 1 US, 1 Dutch, and 1 Danish.

ASSOCIATION: Leningradskiy fiziko-tekhnicheskiy institut Akademii nauk
SSSR
(Leningrad Institute of Physics and Technology of the
Academy of Sciences USSR)

SUBMITTED: June 29, 1960

Card 3/3

RUSINOV, L.I. [deceased]; APTEKAR', R.L.; GVODEV, V.S.; SAKHAROV, S.L.;
KHAZOV, Yu.L.

Level scheme of Eu^{153} . Zhur. eksp. i teor. fiz. 40 no.1:79-84
Ja '61. (MIRA 14:6)

1. Leningradskiy fiziko-tekhnicheskiy institut.
(Europium) (Samarium--Decay)

ZUERITSKIY, Vladimir Ivanovich; SAKHAROV, Sergey Mikhaylovich;
FIONOV, Nikolay Ivanovich; SKOBELING, L.V., red.

[Transportation within a port] Vnutriportovyi transport.
Moskva, Transport, 1965. 165 p. (MIRA 18:10)

L 25570-66 EWT(d)/EWP(h)/EWP(l)

ACC NR: AM6007923

Monograph

UR/

Zubritskiy, Vladimir Ivanovich; Sakharov, Sergey Mikhaylovich; Flonov, Nikolay Ivanovich ¹⁹ _{B+}

Transportation within a port (Vnutriportovyy transport) Moscow, Izd-vo "Transport," 1965. 165 p. illus. Errata slip inserted. 1500 copies printed.

TOPIC TAGS: marine engineering, railway engineering, highway engineering, railway transportation, ship, port

PURPOSE AND COVERAGE: This book is intended for students in mechanization, operations, and hydraulic-engineering specialties in higher educational institutions of the Ministry of the Merchant Marine; it may also be used by port and planning-organization personnel in the merchant marine. Problems relating to the design, construction, and operation of rail lines in port areas, and short-distance access rail lines connecting ports to trunk lines and industrial complexes are reviewed. The planning and construction of port facilities, sorting facilities, sorting yards, motor transport access roads, and roads connecting various port areas are also discussed.

TABLE OF CONTENTS: [abridged]:

Card 1/2

UDC: 627.2/.3:656.61

L 25570-66

ACC NR: AM6007923

Ch. I. The general character of intraport transportation -- 3

Ch. II. Rail transportation -- 7

Ch. III. Automotive transportation -- 91

Ch. IV. Port vessels -- 156

SUB CODE: 13/ SUBM DATE: 19Jul65/

Card 2/2 *FW*

SAKHAROV, S.M.

Harbors of the Polish People's Republic. Biul. tekhn.-ekon.inform.
Tekhn. upr. Min. mor. flota 7 no.5:88-96 '62. (MIRA 16:3)

1. Glavnyy inzhener Glavnogo upravleniya portovogo khozyaystva i
morskikh putey Ministerstva morskogo flota SSSR.
(Poland--Harbors)

21822

24.7800 (1143, 1153, 1160)

S/105/61/000/005/001/005
B116/B221

AUTHORS: Drozdov, N. G., Kostyukov, N. S., and Sakharov, S. S.

TITLE: The magnitude of the electromotive force generated by irradiation of dielectrics

PERIODICAL: Elektrichestvo, no. 5, 1961, 68-69

TEXT: As concerns the determination of the magnitude of the electromotive force generated by soft X-ray irradiation of dielectrics, there are considerable discrepancies to be found in a number of papers, e.g. by F. I. Kolomiytsev and A. Ya. Yakunin (Ref. 1: "Izv. vysshikh uchebnykh zavedeniy (Fizika)," 1958, no. 5), by F. I. Kolomiytsev and F. F. Kodzhespirov (Ref. 2: Fizika dielektrikov, Trudy vsesoyuznoy konferentsii po fizike dielektrikov, g. Dnepropetrovsk, 1956), by F. F. Kodzhespirov (Ref. 3: Tezisy dokladov Vtoroy vsesoyuznoy konferentsii po fizike dielektrikov, Izd. Akademii nauk SSSR, 1958), and by F. F. Kolomiytsev and A. Ya. Yakunin (Ref. 4: as in Ref. 3). While the same authors, working with the same material, in older papers gave the value of 0.1 v and less for the magnitude of the emf, this value is in the above papers

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S/105/61/000/005/001/005
B116/B221

The magnitude of the ...

given as attaining some hundred and even some thousand volts. These discrepancies are explained as experimental errors by the authors mentioned. The authors checked the above data on an X-ray apparatus with a tungsten anode at a voltage of 30 and 45 kv at the valve and 5, 10, and 14 ma. On the basis of the results obtained, the authors make the following statements: The electromotive force generated by the effect of X-ray irradiation alone amounts to 0.1 v. Electromotive force of several hundred or several thousand volts is generated by the simultaneous action of high voltage and X-ray irradiation. The rise of such a voltage on the specimen becomes clear if one considers the specimen as a part of the dielectrics surrounding the X-ray tube. If there is no X-ray irradiation, the dielectrics surrounding the tube (the air) show high insulating properties, a high ρ_v , and an insignificant voltage drop on the specimen. If X-ray irradiation and high voltage are switched on at the same time, the air is strongly ionized, the ρ_v of the air is decreased and the voltage drop on the specimen increases. Thus, it follows that the electromotive force increases together with the increase of the intensity of irradiation according to the exponential law, as observed

Card 2/3

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S/105/61/000/005/001/005
B116/B221 .

The magnitude of the ...

in the paper (Ref. 1). There are 4 Soviet-bloc references.

SUBMITTED: December 31, 1960

Card 3/3

KRASNOGOLOVYY, N.K., inzh.; MASLENNIKOVA, G.N., kand.tekhn.nauk;
SAKHAROV, S.S., inzh.; BUCHENKOVA, A.F., inzh.

Suspension insulators for overhead power transmission lines.
Elektrotehnika 34 no.9:73-75 S '63. (MIRA 16:11)

SAKHAROV, V.

A lively, constructive work. Okhr. truda i sots. strakh. 3
no. 12:11-14 D '60. (MIRA 13:12)

1. Predsedatel' obshchestvennogo soveta pri Moskovskoy ordena
Lenina klinicheskoy bol'nitse imeni S.P.Botkina.
(Moscow--Hospitals--Administration)

SAKHAROV, V., strakhovoy delegat, slesar', deputat gorodskogo soveta
(g.Gus'-Khrustal'nyy, Vladimirskoy oblasti); MARKINA, P.
strakhovoy delegat, podborshchitsa stekla (g. Gus'-Khrustal'nyy
Vladimirskoy oblasti); BRENCHUGIN, A., strakhovoy delegat,
shlifovshchik (g.Gus'-Khrustal'nyy Vladimirskoy oblasti)

let's hold a council, friends! Okhr. truda i sots. strakh.
5 no.7:24-26 J1 '62. (MIRA 15:7)
(GUS'-KHRUSTAL'NYI--INDUSTRIAL HYGIENE)

SAKHAROV, V., inzhener; SMIRNOV, L., inzhener; ZELENESKIY, V., inzhener;
KARAGODIN, V., inzhener; KNORRE, V., inzhener; LEBEDEV, N., inzhener;
AKSEL'ROD, L., inzhener [reviewers]; STRAMENTOV, A.Ye., professor, doktor
tekhnicheskikh nauk [author]; BABKOV, V.F., dotsent, kandidat tekhnicheskikh
nauk [redaktor].

Review of A.E.Stramentov's book "City Roads." V.Sakharov, L.Smirnov,
V.Zelenevskii, V.Karagodin, V.Knorre, N.Lebedev, L.Aksel'rod. Gor.khoz.
Mosk. 25 no.9:34-35 S '51. (MLRA 6:11)

(Road construction)

1. SAKHAROV, V. Eng.; GINDLIN, I., Eng.
2. USSR (600)
4. Skating
7. Open-air skating rink in Moscow. Khoi. tekhn. 29, No. 3, 1952.
9. Monthly List of Russian Accessions. Library of Congress, January 1953. Unclassified.

GINDLING, I., inzhener; SAKHAROV, V., inzhener.

An indoor artificial skating rink. Khel.tekh. 32 no.4:41-43 O-D '55.
(Skating rink) (Compressors) (MLRA 9:4)

AUTHORS: Gindlin, I., Engineer and Sakharov, V., Engineer. 66-1-10/26

TITLE: Artificial skating rink in the Sports Palace in Moscow.
(Iskusstvennyy katok vo Dvortse Sporta v Moskve).

PERIODICAL: "Kholodil'naya Tekhnika" (Refrigeration Engineering),
1957, No.1, pp. 31-34 (U.S.S.R.)

ABSTRACT: There are four artificial skating rinks at present in Moscow and the building of a fifth is scheduled in Izmaylovo. Moscow experience has proved that for all the year round sports training it is preferable to have closed skating rinks which are not dependent on the meteorological conditions and in which the surface of the ice is not contaminated by dust, dirt etc. from the outside. Also, closed skating rinks can be fitted with improved ventilation or air conditioning to improve the comfort of the spectators. Furthermore, the same space can also be utilised for other activities such as concerts etc. In November, 1956 a large closed skating rink with a field area of 61 x 30 m was put into operation in the Central Stadium imeni V.I. Lenin in the building of the Sports Palace. The building, which contains a skating rink, can accommodate 15 000 spectators, see Fig.1. In this article a brief description is given of the design of the ice field, mentioning also the main data of the refrigeration equipment. The cooling liquid is fed

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Artificial skating rink in the Sports Palace in Moscow.
(Cont.)

66-1-10/26

cooling equipment and of the pipe system is effected by industrial methods; the tube joints (over 4000 of them) were effected by electric butt welding. Four days after the refrigeration machinery was put into operation a uniform ice field of a thickness of 4 cm was produced, the quality of which was highly appreciated by the sportsmen. There are three figures.

AVAILABLE:

Card 3/3

GINDLIN, I., inzh.; SAKHAROV, V., inzh.; NOMOFILOV, S., inzh.

Prefabricated ice skating rink made of aluminum tube-sheet
panels. Khol.tekh. 37 no.1:11-14 Ja-F '60. (MIRA 13:5)
(Skating rinks)

GEYROVSKIY, Ya. [Heyrovsky, Jaroslav], akademik; KUTA, Jiroslav;
GUL'TYAY, V.P. [translator]; KUZNETSOV, V.A. [translator];
MAYRANOVSKIY, I.G., doktor khim. nauk, red.; SAKHAROV, V.,
red.

[Principles of polarography. Translated from the Czech]
Osnovy poliarografii. Moskva, Mir, 1965. 559 p.
(MIRA 18:7)

SAKHAROV, V., inzhener-polkovnik

With a continuous wave. Tekh. i vooruzh. no.2:93 F '64.
(MIRA 17:9)

SAKHAROV, V.A.

Introduction of organisational and technical measures is a guarantee
of the technical growth of a plant. Med.prom. no.4:8-9 O-D '55.
(MIRA 9:12)

1. Khimiko-farmatsevticheskiy zavod "Akrikhin."
(DRUG INDUSTRY
in Russia, organizational & technical progr.)

SAKHAROV, V.N.

STRUCHKOV, V.I. (Moskva, 1-y Truzhenikov per. d.19, kv.37), SKRIPNICHENKO, D.F.
SAKHAROV, V.A.

Late functional changes and disorders following radical surgery
in bronchoectasis. Nov.khir.arkh. no.1:32-38 Ja-F '58 (MIRA 11:11)

1. Kafedra obshchey khirurgii (zav. - prof. V.I. Struchkov)
lechebnogo fakul'teta 1-go Moskovskogo meditsinskogo instituta.
(BRONCHI--SURGERY)

GRIGORYAN, A.V. (Moskva, Smolenskiy bul'var, d.17, kv.43); RYZHKOV, Ye.V.;
SAKHAROV, V.A.; ZHDANOV, V.S.; CHUMAKOV, A.A.

Changes in the bronchial stump and pleural cavity following
pneumonectomy and lobectomy. Grud. khir. 1 no.3:62-69 My-Je
'59. (MIRA 15:3)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta (zav.
- prof. V.I. Struchkov) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni I.M. Sechenova, patologoanatomicheskogo otdeleniya
(zav. - deystvitel'nyy chlen AMN SSSR prof. I.V. Davydovskiy)
bol'nitsy No.23 imeni Soyuza rabotnikov mediko-sanitarnogo
dela (glavnyy vrach A.P. Timofeyeva).
(LUNGS--SURGERY)

KOCHEGAROV, A.A.; SAKHAROV, V.A.

Functional state of the kidneys in patients with chronic
suppurative processes of the lungs before and after radical
operations. Khirurgiia 35 no.6:113-117 Je '59.

(MIRA 12:8)

1. Iz kliniki obshchey khirurgii (dir. - prof.V.I.Struchkov)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni
I.M.Sechenova na baze bol'nitsy imeni Medsantrud (glavnyy vrach
A.P.Timofeyeva).

(LUNG DISEASES, physiol.

renal funct. in chronic suppurative processes
before & after radical surg. (Rus))

{KIDNEYS, physiol.

in chronic suppurative processes of lungs
before & after radical surg. (Rus))

ZHDANOV, V.S.; GRIGORYAN, A.V.; SAKHAROV, V.A.

Clinical and anatomical characteristics of lipiodol pneumonia after
bronchography: Khirurgiia 35 no.8:74-79 Ag '59. (MIRA 13:12)
(BRONCHI—RADIOGRAPHY) (PNEUMONIA)

SAKHAROV, V. A., Cand Med Sci - "Remote results of ~~the~~ surgical treatment of
chronic suppurative processes ^{of} in the lungs." Mos, 1960 (Acad Med Sci USSR).
(KL, 1-61, 210)

STRUCHKOV, V.I. (Moskva, 1-y Truzhennikov per., d.18, kv.37); VINOCRADOV, A.V.;
SAKHAROV, V.A.; PANKRATOV, V.M.

New method of determining the minute volume of the heart. Grud.
khir. 2 no.5:46-50 S-Q '60. (MIRA 16:5)

1. Iz kafedry obshchey khirurgii lechebnogo fakul'teta I Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.
(HEART--MEASUREMENT) (BLOOD VOLUME)

GRIGORYAN, A.V., dotsent; SAKHAROV, V.A., assistant

New apparatus for oxygen therapy. Khirurgiia no.9:117-119 '61.
(MIRA 15:5)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta (zav. ..
prof. V.I. Struchkov) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni I.M. Sechenova.

(OXYGEN THERAPY—APPARATUS AND SUPPLIES)

STRUCHKOV, V. I. (Moskva, I Truzhennikov per., d. 19, kv. 37);
GRIGORYAN, A. V.; SAKHAROV, V. A.

Some problems in the surgical treatment of primary cancer of the
lung. Grud. khir. 4 no.3:3-9 My-Je '62. (MIRA 15:7)

1. Iz kliniki obshchey khirurgii lechebnogo fakul'teta (zav. -
prof. V. I. Struchkov) I Moskovskogo ordena Lenina meditsinskogo
instituta imeni I. M. Sechenova.

(LUNGS--CANCER) (LUNGS--SURGERY)

STRUCHKOV, V.I. (Moskva, Truzhenikov, per., d.19,kv.37); SAKHAROV, V.A.;
VOL'-EPSHTEYN, G.L.; TAPINSKIY, L.S.

Some problems in the diagnosis and treatment of chronic purulent
diseases of the lungs. Grud.khir. 5 no.1:93-99 Ja-F'63.

MIRA (16:7)

1. Iz kliniki obshchey khirurgii (zav.- chlen-korrespondent AMN
SSSR prof. V.I.Struchkov) lechebnogo fakul'teta I Moskovskogo
ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(LUNGS—DISEASES) (SUPPURATION)

(LUNGS—SURGERY)

SAKHAROV, V.A.; VOL'-EPSHTEYN, G.L. (Moskva A-8, 1-y Dnitrovskiy pr., d.4.,
kv. 12); ZHDANOV, V.S. (Moskva)

Plasmacytoma of the lung. Grudn. khir. 5 no.3:94-98 My-Je'63
(MIRA 17:1)

GRIGORYAN, A.V.; SAKHAROV, V.A.

Device for oxygen therapy. Eksper. khir. i anest. 8 no.3:93
My-Je '63 (MIRA 17:1)

1. Iz kliniki obshchey khirurgii (zav. - prof. V.I.Struchkov)
lechebnogo fakul'teta I Moskovskogo ordena Lenina meditsinsko-
go instituta.

YEGOROV, V.I.; FEYGIN, Z.S.; SAKHAROV, V.A.

Application of ultrasonic waves in the cleaning of the waste
catcher tubes of spinning machinery. Tekst. prom. 25 no.5:32-
34 My '65. (MLRA 18:5)

1. Nachal'nik Bazovoy laboratorii ul'trazvukovoy i elektro-
erozionnoy obrabotki materialov Soveta narodnogo khozyaystva
BSSR (for Yegorov). 2. Starshiy inzh. Bazovoy laboratorii
ul'trazvukovoy i elektrerozionnoy obrabotki materialov Soveta
narodnogo khozyaystva BSSR (for Feygin). 3. Nachal'nik
priyadil'nogo tsekha Minskogo kamvol'nogo kombinata (for Sakharov).

SAKHAROV, Viktor Aleksandrovich; MEDVEDEVA, L.V., red.; KOROBOVA, N.D.,
tekhn. red.

[Volunteer council at a hospital] Obshchestvennyi sovet pri
bol'nitse. Moskva, Profizdat, 1963. 78 p. (MIRA 16:11)

1. Predsedatel' obshchestvennogo soveta pri Moskovskoy kli-
nicheskoy bol'nitse im. S.P.Botkina (for Sakharov).
(MEDICAL SOCIAL WORK)

BELIYAYEV, P.N.; SAKHAROV, V.D.

Effect of the form of the shed on warp tension and breakage. Izv.vys.
uchab.zav.; tekhn.tekst.prom. no.5:56-60 '64.

(MIRA 18:1)

1. Ivanovskiy tekstil'nyy institut imeni M.V.Frunze.

NAZAROV, V.I.; SAKHAROV, V.G.; TIKHOMIROVA, T.P.

Some data for the study of the stability of gelatinous starch
and of the drying of bread. Izv.vys.ucheb.zav.pishch.tekh.
no.4:131-135 '58. (MIRA 11:11)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti,
Laboratoriya fizicheskoy i kolloidnoy khimii.
(Starch) (Colloids) (Bread)

STASHIN, Ye.A., inzh; SAKHAROV, V.G., inzh.

Experimental plant operating. Khol.tekh. 38 no.2:49-50 Mr-Ap '61.
(MIRA 14:3)
(Refrigeration and refrigerating machinery)

KOLYBANOV, V.A.; LOZYUK, N.I.; SAKHAROV, V.G.; SUSHCHINSKAYA, I.Yu.;
BOBROV, V.Ya., kand. ekon. nauk, otv. red.; DENISOVA, V.N.,
red.izd-va; RAKHLINA, N.P., tekhn. red.

[Latin America; political and economic handbook] Latinskaia
Amerika: politiko-ekonomicheskii spravochnik. Kiev, Izd-vo
AN USSR, 1963. 283 p. (MIRA 17:3)

SAKHAROV, V. I.

1. ROMANSKAIA, S. V.: SAKHAROV, V. I.
2. USSR (600)
4. Latitude variation - Pulkovo
7. Latitude variations at Pulkovo 1950. 8 -1952 1. Astron. Tsir. No 126-15, 1952
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

SAKHAROV, V. I.

USSR (600)

Azimuth - Pulkovo

Seasonal errors in determining azimuth of the bench mark for the large transit instrument of the Pulkovo Observatory. Izv. Glav. astron. obs., 19, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

SAKHAROV, V.I.

ROMANSKAYA, S.V.; SAKHAROV, V.I.

Preliminary values for variations in the latitude of Pulkovo
from 1950.8 to 1951.8. Izv.Glav.astron.obser. 19 no.3:159-160
'53. (MLRA 7:1)
(Pulkovo--Latitude)